Binding certificates for distributed installations

These instructions are applied when SQLDM and Dashboard are installed on different servers. They are the continuation of the Resolving Dashboard certificate error message, which means the Dashboard certificate was already created.

Common Name

Under the Resolving Dashboard certificate error message instructions, verify that the certificate and the keystore keypair are created to have each server listed as a Common Name (Step 9).

If you have not installed KeyStore Explorer, download it, and install the application.

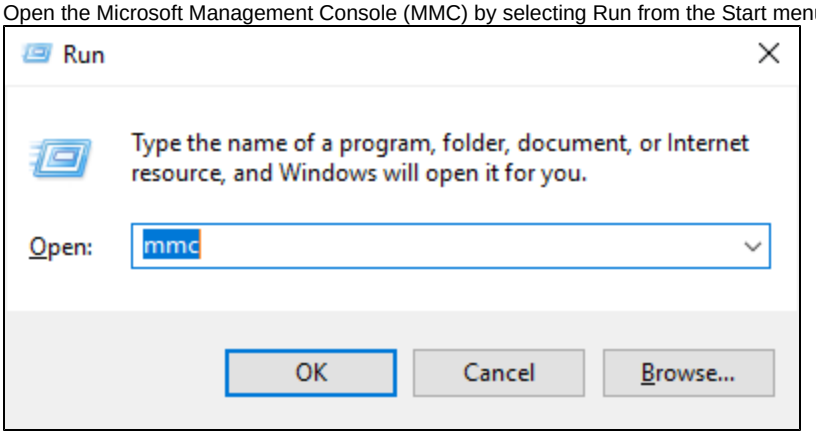
Dashboard and SQL Diagnostic Manager installed on different machines

This scenario considers that both products are installed on different servers:

- Dashboard is installed and is being accessed on Server 1.
- SQLDM Services are installed on Server 2.

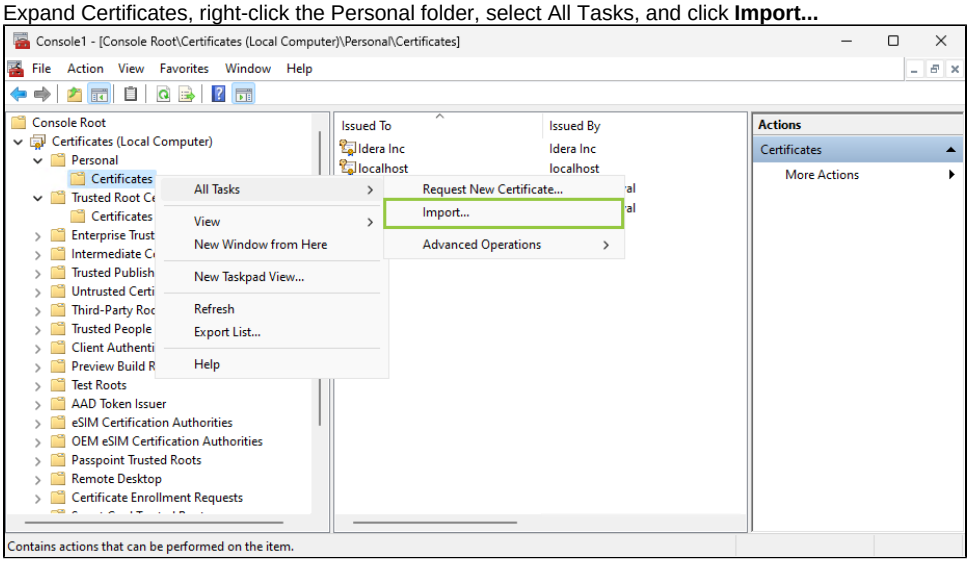
Once your Dashboard certificate is created on Server 1, follow the steps below

1. Open the Microsoft Management Console (MMC) by selecting Run from the Start menu, enter "mmc", and click **OK**.



2. When the MMC window opens, click **File** from the menu toolbar, and select **Add/Remove Snap-in...**
3. The Add or Remove Snap-ins window opens, **Add** Certificates, and click **OK**.
4. Configure the steps of the Certificate snap-in wizard, and click **Finish**.
5. Close the Add or Remove Snap-in window by clicking **OK**.

6. Expand Certificates, right-click the Personal folder, select All Tasks, and click **Import...**



7. Import the `.cer` certificate under the Trusted Root Certificate Authorities folder on Server 2.
8. Import the `.pfx` certificate under the Personal folder on Server 2.
9. Retrieve the thumbprint of the imported PFX key.
    a. Double-click the imported PFX key.
    b. On the Certificate window, go to the Details tab.
    c. Scroll down and click Thumbprint. You need to copy the characters from the box.

> ⚠ If the thumbprint has extra spaces between the hexadecimal numbers, remove them. For example, the thumbprint ""a9 09 50 2d d8 2a e4 14 33 e6 f8 38 86 b0 0d 42 77 a3 2a 7b" should be edited to ""a909502dd82ae41433e6f83886b00d4277a32a7b".

10. Follow these last steps to bind the new PFX key by using the commands below:
    a. Open CMD as an Administrator and execute the following command to delete existing bindings to the IDERA SQL Diagnostic Manager Rest Service on Server 2:

```
netsh http delete ssl 0.0.0.0:5171
```

    b. Bind the PFX key by using the following command in an elevated command prompt session on Server 2, GUID SQLDM: 0051d7ed-de72-46d3-ae44-97d566b1ca5a

```
netsh
http
add sslcert ipport=0.0.0.0:5171 certhash="<PFX key's thumbprint>" appid="{0051d7ed-de72-46d3-
ae44-97d566b1ca5a}" clientcertnegotiation=enable

// Remove the spaces from the PFX Key's thumbprint
```